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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/518,821	10/03/2005	Eun Young Chung	AJUL-113 (49921-052)	9959
23630	7590	04/20/2006	EXAMINER	
MCDERMOTT WILL & EMERY LLP			CONTEE, JOY KIMBERLY	
ATTN: INTELLECTUAL PROPERTY DEPARTMENT				
28 STATE STREET			ART UNIT	
BOSTON, MA 02109			PAPER NUMBER	

2617

DATE MAILED: 04/20/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/518,821	CHUNG, EUN YOUNG	
	Examiner	Art Unit	
	Joy K. Contee	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 December 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 December 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 1,2,8 and 16 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding claim 1, the term "perceiving" renders the claims unclear as to how a caller terminal actually perceives?

Regarding claims 1,2,8 and 16 the phrase "or the like" renders the claims indefinite because the claims include elements not actually disclosed (those encompassed by "or the like"), thereby rendering the scope of the claims unascertainable. See MPEP § 2173.05(d).

Regarding claim 7, the phrase "such as" renders the claim indefinite because it is unclear whether the limitations following the phrase are part of the claimed invention. See MPEP § 2173.05(d).

Regarding claims 8 and 16, it is unclear as to whether or not the terms in the parenthetical are required for the invention.

Correction is required to the aforementioned claims. Claims have been examined based on the broadest interpretation in light of the rejections made above.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-24 are rejected under 35 U.S.C. 102(e) as being anticipated by Westling et al. (Westling), US 2006/0041474.

Regarding claim 1, Westling discloses a system for providing an integrated communication ID, comprising:

a caller terminal which allows an unspecified third person perceiving an integrated communication ID of a callee to generate various communication signals and input signals (pages 1-2 [0015]);

an integrated communication ID provision server which stores various communication target connection numbers, vehicle number, children's real name and the like as directory information, provides a single individual integrated communication ID commonly designating the above information to manage the same so as to provide other connection number and readable information to an unspecified third person perceiving the integrated communication ID, and designates a connection route in response to a route query request of various kinds of interchange servers; and an

interchange server which is connected so as to be able to scan the database of the integrated communication ID provision server, executes a query request for a route to the integrated communication ID provision server according to a connection request signal from the caller terminal and executes a connection attempt to a connection target terminal according to an answer signal (see pages 2-3 [0020-0027]).

Regarding claim 2, Westling discloses the system of claim 1, wherein the communication target connection number is a mobile communication terminal, a facsimile, a wire telephone, a homepage, e-mail, a web phone, a messenger and the like (page 2 [0020-0023]).

Regarding claim 3, Westling discloses the system of claim 1, wherein the caller terminal is communication equipment capable of voice communication and data communication, including a mobile communication terminal, a wire telephone terminal and a personal computer terminal (page 2 [0020-0023]).

Regarding claim 4, Westling discloses the system of claim 1, conversion algorithm installed therein for automatically converting an integrated communication ID composed of multi-language characters entered by a user into a wherein the caller terminal has inside a code connection code of a numeric string receivable by a switch and a base station, page 3 [0027].

Regarding claim 5, Westling discloses the system of claim 4, wherein the code conversion algorithm is either the allocation of a connection code for respective characters or the allocation of a correction code for respective words (see pages 3-4 [0028-0035]).

Regarding claim 6, Westling discloses the system of claim 1, wherein the interchange server includes at least one of a base station and a switch which are a repeater of a wireless communication network, an intelligent network switch, a local switch which is a repeater of a wire communication network, a toll switch, a connection switch, various route servers and gateways which are repeaters of wire/wireless web networks, and a WAP gateway (see page 4 [0041-0042]).

Regarding claim 7, Westling discloses the system of claim 1, wherein the integrated communication provision server further comprises a database scannably storing personal information of a user who is allocated an integrated ID, integrated communication information allocated individually to respective users and open information opened by the user such as various communication equipment and homepage information, e-mail information, vehicle information, children's real name and the like (page 4 [0036]).

Regarding claim 8, Westling discloses the system of claim 1, wherein an information display number individually representing various information (cellular phone number, home telephone number, office telephone number, homepage, e-mail) stored in the directory information for respective integrated communication is predetermined to be a characteristic number or the like been the integrated communication ID provision server and the user (page 3 [0026]).

Regarding claim 9, Westling discloses the system of claim 1 composed of at least one of various kinds of characters, specific characters, numeric characters, various kinds of patterns and image data wherein the integrated communication ID is

composed of at least one of various kinds of characters, specific characters, numeric characters, various kinds of patterns and image data (page 3 [0027-0034]).

Regarding claim 10, Westling discloses the system of claim 1, wherein, in the case that the caller terminal is a mobile communication terminal, an integrated communication information and character data to be transmitted are simultaneously entered into the same screen so that the integrated communication provision server can recognize them separately (page 3 [0027-0034]).

Regarding claim 11, Westling discloses the system of claim 10, wherein a specific character or symbol representing the beginning of a text is interposed between the integrated communication information and the character data (page 3 [0027-0034]).

Regarding claim 12, Westling discloses the system of claim 1, wherein the integrated communication m includes a basic integrated communication allocated individually, a relational integrated communication ID allocated redundantly in unit of groups and a local integrated communication allocated redundantly according to a regional unit (page 3 [0027-0034]).

Regarding claim 13, Westling discloses the system of claim 1, wherein the caller terminal has the basic input mode for entering a basic integrated communication D, the relational integrated communication m input mode and the local integrated communication input mode all individually and optionally configured (page 3 [0027-0034]).

Regarding claim 14, Westling discloses the system of claim 1, wherein the integrated communication ID provision server has inside a database configured therein

to have a structure in which relational integrated communication D data and local integrated communication data are linked with each other based on the database storing basic integrated communication (page 3 [0027-0034]).

Regarding claims 15-24, A method for providing an integrated communication ID individually allocated to enable a real time connection and a real time information reading by commonly desiring a connection information of various connectable communication means and a various opened information by means of a server providing the integrated communication and an interchange server, the method comprising the steps of:

multiple users' connecting to a PC or the integrated communication provision server; user registering an individual integrated communication and its low-order information performing communication connection by utilizing an integrated communication ID of another user; and performing the reading of the opened low-order information by utilizing an integrated communication of another user (pages 2-5 [0020-0047]).

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Widger et al. US 2005/0117733, discloses a communication management system for managing multiple incoming communications.

Reding et al. US 2005/0148351 discloses methods and systems for single text number text messaging.

Brown, US 2005/0273509, discloses networked system for interactive communication and remote monitoring of individuals.

Kamath et al. US 2005/0060316, discloses an extended file system.

Shaughnessy et al. US 5,928,325 discloses a method of dynamically establishing communication of incoming messages to one or more user devices presently available to an intended recipient.

Fernandes et al. US 2006/0000900 discloses a collaborative negotiation techniques for mobile personal trusted device financial transactions.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joy K. Contee whose telephone number is 571.272.7906. The examiner can normally be reached on Monday through Friday, 5:30 a.m. to 2:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold can be reached on 571.272.7905. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JC


J. M. KONTEE
PATENT EXAMINER